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(54) REVERSIBLE HEAT-SENSITIVE RECORDING MATERIAL

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a reversible heat-sensitive recording material for forming and erasing with good contrast an image and retaining the image stabilized with time under the environment of daily life.

SOLUTION: A reversible heat-sensitive recording material contains usually a colorless or light color electron donative dye precursor and also at least one kind of compounds represented, for instance, by the formula as an electron acceptive compound generating the reversible tone variation for the dye precursor by heating.

$$HO \longrightarrow \{CH_{i12} - G_{i13} - F_{i14} = CH \longrightarrow \{CH_{i16} - G_{i14} \}_{i15} \}$$

$$R: = \{CH_{i16} - G_{i14} \}_{i16} + F_{i144} \}_{i16}$$

LEGAL STATUS

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